

DT07 Rec'd PCT/PT0 3 1 JAN 2005

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Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL LETTER TO THE UNITED STATES	ATTTORNEY'S DOCKET NUMBER PU020351							
DESIGNATED/ELECTED OFFICE (DO/EO/US)	U.S. APPLICATION NO. (If known, see 37 QSR 1.5)							
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371	10/523449							
PCT/US03/24001 INTERNATIONAL FILING DATE 31July2003 (31.07.03	PRIORITY DATE CLAIMED 31July2002 (31.07.02)							
TITLE OF INVENTION CENTER CONVERGENCE OPTIMIZATION APPARATUS								
APPLICANT(S) FOR DO/EO/US								
John Barrett George and Angela Renee Burnett Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:								
This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.								
2. This is a SECOND or SUBSEQUENT submission of items concerning a submission	This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.							
This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.								
The US has been elected (Article 31).								
5. A copy of the International Application as filed (35 U.S.C. 371(c)(2))	A copy of the International Application as filed (35 U.S.C. 371(c)(2))							
a. is attached hereto (required only if not communicated by the International Bureau).								
b. As been communicated by the International Bureau.	b. Ans been communicated by the International Bureau.							
c. is not required, as the application was filed in the United States Received	c. is not required, as the application was filed in the United States Receiving Office (RO/US).							
6. An English language translation of the International Application as filed (35 U.S.	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).							
a. is attached hereto.	a. is attached hereto.							
b. has been previously submitted under 35 U.S.C. 154(d)(4).	b. has been previously submitted under 35 U.S.C. 154(d)(4).							
Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))								
a. are attached hereto (required only if not communicated by the International Bureau).								
b. have been communicated by the International Bureau.	b. have been communicated by the International Bureau.							
c. have not been made; however, the time limit for making such amend	c. have not been made, however, the time limit for making such amendments has NOT expired.							
d. An have not been made and will not be made.	d. A have not been made and will not be made.							
8. An English language translation of the amendments to the claims under PCT A	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).							
9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).							
10. An English language translation of the annexes of the International Preliminary Article 36 (35 U.S.C. 371(c)(5)).	Examination Report under PCT							
items 11 to 20 below concern document(s) or information included:								
11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98., Sear	ch Report and References							
12. An assignment document for recording. A separate cover sheet in compliance v	with 37 CFR 3.28 and 3.31 is included.							
13. A preliminary amendment.								
14. An Application Data Sheet under 37 CFR 1.76.								
15. A substitute specification.	ÿ. ;							
16. A power of attorney and/or change of address letter.	·							
17. A computer-readable form of the sequence listing in accordance with PCT Rule	e 13fer.2 and 37 CFR 1.821- 1.825.							
18. A second copy of the published International Application under 35 U.S.C. 154(c	A second copy of the published International Application under 35 U.S.C. 154(d)(4).							
19. A second copy of the English language translation of the international application	on under 35 U.S.C. 154(d)(4).							
20. Other Items or information: Return postcard; Certif	ficate of Express Mailing							

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO-1390 (Rev. 12-2004)
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U.S. APPLICATION NO. (if known, see 37 CFR 1.5) INTERNATIONAL APPLICATION NO.			ATTORNEY'S DOCK	ATTORNEY'S DOCKET NUMBER			
10/523449 PCT/US03/24001			PU020351	PU020351			
21. The following fees are submitted:							
X a) Basic national fee\$300.00			\$ 300.00				
b) Examination fee\$200.00			\$ 200.00				
C) Search fee\$500.00				s 500.00			
TOTAL OF ABOVE CALCULATIONS = \$1000.00				\$ 1,000.00			
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.							
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)					
32 -100=	0 /50 =		0	x \$250.0	0 s		
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).					\$		
CLAIMS	NUMBER FII	ĘD .	NUMBER EXTRA	RATE	\$		
Total claims	21	- 20 =	1	x \$50.00	\$ 50.00		
Independent da		- 3 =	1 .	x · \$200.00	\$ 200.00		
MULTIPLE DEP	ENDENT CLAIM(S) (if a	plicable)	<u></u>	+ \$360.00	\$ '		
TOTAL OF ABOVE CALCULATIONS =				1-/-0000			
Applicant of by 1/2.	claims small entity status.	See 37 C	FR 1.27. The fees indicated ab	ove are reduced	. \$		
SUBTOTAL =				L= \$1,250.00	\$1,250.00		
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).							
TOTAL NATIONAL FEE =				\$1,250.00	\$1,250.00		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property \$ 40.00							
		p = \$1,290.00	\$1,290.00				
			Amount to be refunded:	\$			
					Amount to be charged:	\$1290.00	
a. A check in the amount of \$ to cover the above fees is enclosed.							
b. X Please charge my Deposit Account No. 07-083 in the amount of \$1290.00 to cover the above fees. A duplicate copy of this sheet is enclosed.							
c. X The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit t Account No. 07-0832A duplicate copy of this sheet is enclosed.							
d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.							
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. Date							
SEND ALL CORRESPONDENCE TO:							
Mr. Joseph S. Tripoli							
Thomson Licensing Inc. Patent Department Sammy					1		
P.O. Box 5312					my S. Henig		
Princeton, NJ 08543-5312							
	30,263 REGISTRATION NUMBER						
REGISTRATION NOMBER							